

Velocity and Speed

Lesson Review

Complete the following questions. Write your answers in the spaces provided. **Show your work** below each question. DON'T FORGET THE UNITS!

- _____ 1. A motorcycle is traveling east at a speed that covers 75 kilometers in 1.5 hours. What is its **velocity** in km/h?
- _____ 2. A girl bicycles for 3 hours at a speed of 40 km/h. What **distance** did she travel?
- _____ 3. A truck travels down the highway at a speed of 110 km/h. **How long** does the trip last if the truck travels 2200 km?
- _____ 4. If you run at a speed of 12 m/s for 15 minutes, **how far** will you go?
- _____ 5. A football field is 100 m long. If it takes a person 20 seconds to run its length, what is his/her **speed**?
- _____ 6. The fastest train in the world travels at 500 km/h. **What distance** will it travel in 3 hours?
- _____ 7. How much **time** does it take for a bird flying at a speed of 45 km/h to travel a distance of 1800 km?